KGUARD SECURITY®

DVR

SUPPORT MANUAL

ENGLISH

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Mobile Device Access

The DVR can be remotely viewed and controlled on your mobile phone using the utility software. The utility software is included on the supplied CD-ROM. However, for the latest software version, it is recommended to download the utility software from your mobile phone's download application.

Installation and software interface vary depending on the mobile phone. See succeeding sections for further instructions.

Android® Phones

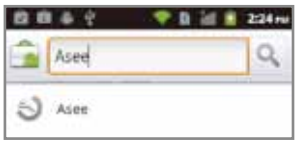
Installing the Utility Software

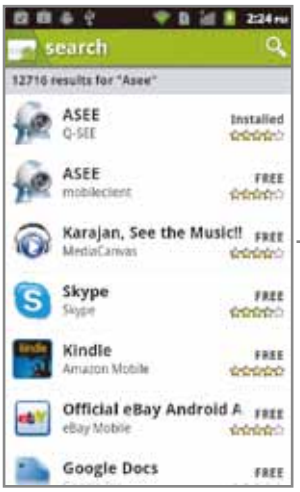
1 Make sure your mobile phone is connected to the Internet (either by mobile data connection or Wi-Fi).

2 Open the **Android Market** application and search to download **Asee**.

2a. On the Market search bar, enter "**Asee**" to search for the application.

2b. Select and download the application.





Select the "**ASEE**" application.

Click **FREE**.

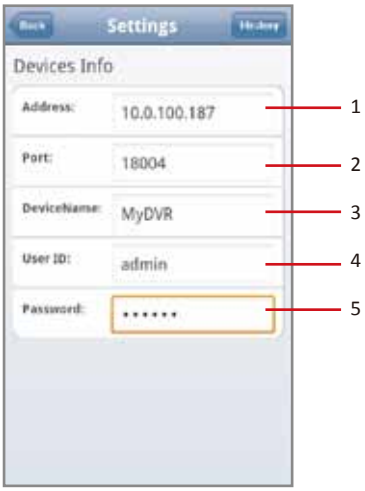
Click **OK**.

The utility software icon is displayed on the application screen.

3 Click the icon to open the utility software.

Mobile Device Access

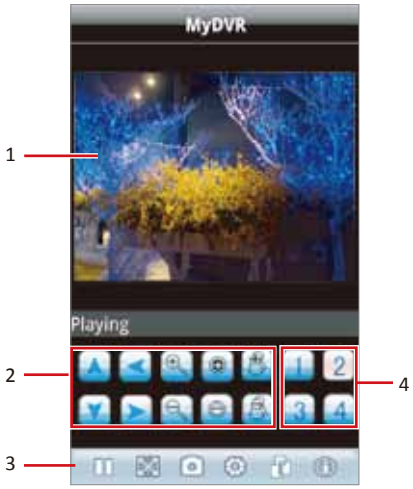
4 Click to open the Settings page and enter the required settings.



No.	Item	Description
1	**Address**	Enter the IP address assigned to the DVR. Consult your network administrator or ISP to obtain this information.
2	**Port**	Enter the server port number that you configured in the DVR menu. Refer to your DVR User Manual for details.
3	**Device Name**	Enter the desired DVR name.
4	**User ID**	Enter the user name that you configured in the DVR menu. Refer to your DVR User Manual for details.
5	**Password**	Enter the password that you configured in the DVR menu. Refer to your DVR User Manual for details.

5 Click **Back** to view the main screen.

Using the Utility Software



No.	Item	Icon	Description
1	**Display Screen**	-	Displays the channel.
2	**PTZ Control Buttons**		Click the arrow buttons to move the camera direction (for PTZ camera only).
			Click the icons to adjust the zoom (for PTZ camera only).
			Click the icons to adjust the aperture (for PTZ camera only).
			Click to adjust the camera focus (for PTZ camera only).
3	**Play/Pause Button**		Click to play or pause channel viewing.
	Full Screen Button		Click to view the channel in full screen.
	Capture Button		Click to capture the screen shot. The screen shot is saved in the path **sdcard\ MeyePic**.
	Settings Button		Click to open the Settings page.
	Toggle Button		Click to view more channel buttons.

No.	Item	Icon	Description
3	**About Button**		Click to view the software information.
4	**Channel Buttons**		Click a channel button to view on the display screen. More channel buttons are available by clicking .

Blackberry® Phones

Installing the Utility Software

1 Make sure your mobile phone is connected to the Internet (mobile data connection or preferably by Wi-Fi).

2 Open the **App World** application.

2a. Search for "**Asee**".

2b. Select and download the application.

Select the "**ASEE**" application.

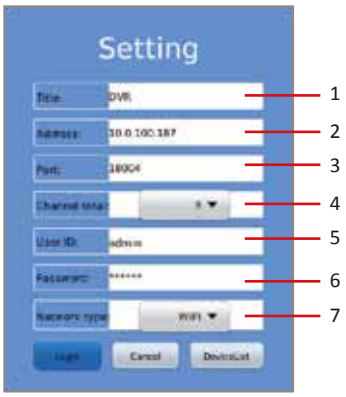
Click **Install**.

Login with your **BlackBerry ID**.

3 After installation, click the utility icon to open the application.

4 On the Setting page, enter the necessary settings.

Mobile Device Access



No.	Item	Description
1	**Title**	Enter the desired DVR name.
2	**Address**	Enter the IP address assigned to the DVR. Consult your network administrator or ISP to obtain this information.
3	**Port**	Enter the server port number that you configured in the DVR menu. Refer to your DVR User Manual for details.
4	**Channel Total**	Select the DVR maximum channel capacity.
5	**User ID**	Enter the user name that you configured in the DVR menu. Refer to your DVR User Manual for details.
6	**Password**	Enter the password that you configured in the DVR menu. Refer to your DVR User Manual for details.
7	**Network Type**	Select the network to use to connect to the DVR (WiFi/3G).

5 Click **Login** to view the main screen.

Using the Utility Software

No.	Item	Icon	Description
1	**Display Screen**	-	Displays the channel.
2	**Play/Pause Button**		Click to play or pause channel viewing.
	Full Screen Button		Click to view the channel in full screen.
	Capture Button		Click to capture the screen shot and then select the storage memory where to save the image file.
	Settings Button		Click to open the Settings page.
	About Button		Click to view the software information.
	Toggle Button		Click to view other channel buttons or the PTZ control buttons.
3	**Channel Buttons**		Click a channel button to view on the display screen. More channel buttons are available by clicking .
	PTZ Control Buttons		Click the arrow buttons to move the camera direction (for PTZ camera only).
			Click the icons to adjust the zoom (for PTZ camera only).
			Click the icons to adjust the aperture (for PTZ camera only).
			Click to adjust the camera focus (for PTZ camera only).

iPhone® Phones

Installing the Utility Software

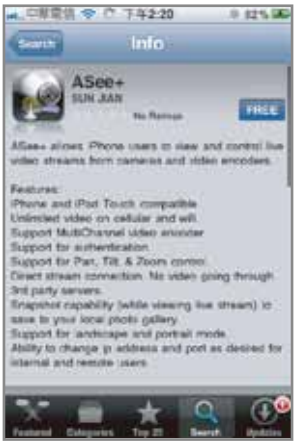
1 Make sure your mobile phone is connected to the Internet (either by mobile data connection or Wi-Fi).

2 Open the **App Store** application and search to download **Asee+**.

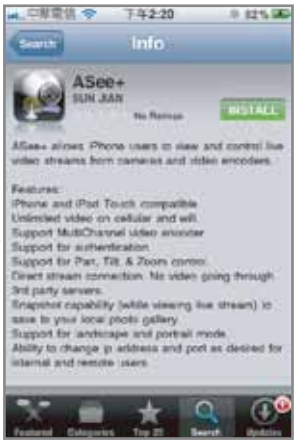
2a. On the search bar, enter "**Asee+**" to search for the application.

2b. Select and download the application.

Select the "**ASee+**" application.



Click **FREE**.



Click **INSTALL**.

You may be asked to login with your iTunes account to continue. After download, the utility software icon is displayed on the application screen.

3 Click the icon to open the utility software.

4 Click ⚙ to open the Device Manage page, then click **Add**.

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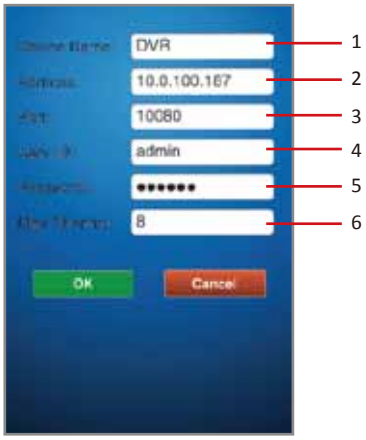
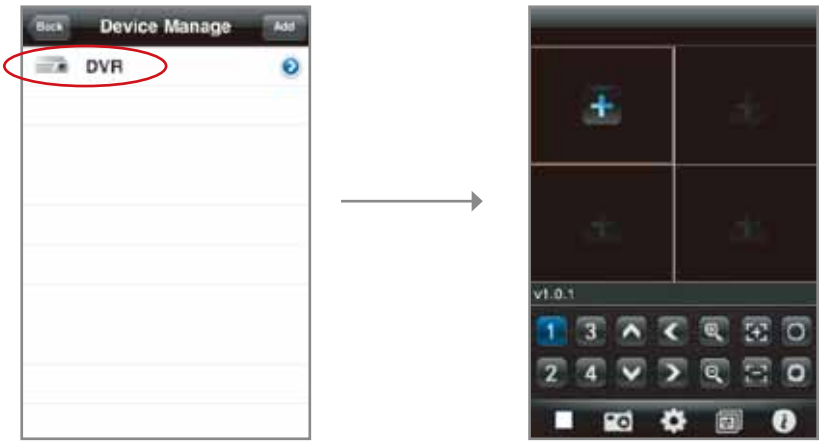
5 Enter the required settings.



No.	Item	Description
1	**Device Name**	Enter the desired DVR name.
2	**Address**	Enter the IP address assigned to the DVR. Consult your network administrator or ISP to obtain this information.
3	**Port**	Enter the server port number that you configured in the DVR menu. Refer to your DVR User Manual for details.
4	**User ID**	Enter the user name that you configured in the DVR menu. Refer to your DVR User Manual for details.
5	**Password**	Enter the password that you configured in the DVR menu. Refer to your DVR User Manual for details.
6	**Max Channel**	Enter the maximum channels that can be connected to the DVR.

5 Click **OK**. The Device Manage screen appears again. Click the device name to view the main screen.



Using the Utility Software

Viewing Channels

To view channels on your iPhone, you must assign a channel to the window first. To do this perform the following:

1 Click of the window to assign a channel. The Device List screen appears. Click **>** to display the channel list.

Click .

Click >.

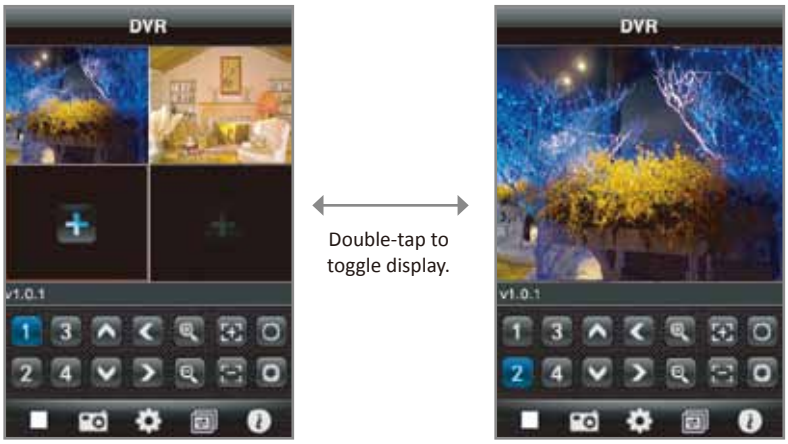
Channel list

2 Click a channel to assign to the window.

3 Repeat the above procedures to assign other windows.

Switching Screen Modes

By default, the channels are displayed on a 4-window display. To view a channel in full screen, double-tap the window.



4-Window Display　　Full Screen Display

Other Functions

No.	Item	Icon	Description
1	**Display Screen**	-	Displays the channels.
2	**Channel Buttons**	1 2 3 4	When in full screen mode, click a channel button to view the channel. More channel buttons are available by clicking .
3	**Stop Button**		Click to stop viewing channels.
	Capture Button		Click to capture the screen shot. The screen shot is saved in the photo album.
	Settings Button		Click to open the Device Manage screen. To adjust settings, click .
	Toggle Button		Click to view more channel buttons.
	About Button		Click to view the software information.
4	**PTZ Control Buttons**		Click the arrow buttons to move the camera direction (for PTZ camera only).
			Click the icons to adjust the zoom (for PTZ camera only).
			Click the icons to adjust the aperture (for PTZ camera only).
			Click to adjust the camera focus (for PTZ camera only).

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Symbian® Phones

Installing the Utility Software

1 Make sure your mobile phone is connected to the Internet (either by mobile data connection or Wi-Fi).

2 Open the **Ovi Store** application and search to download **Asee**.

2a. On the search bar, enter "**Asee**" to search for the application.

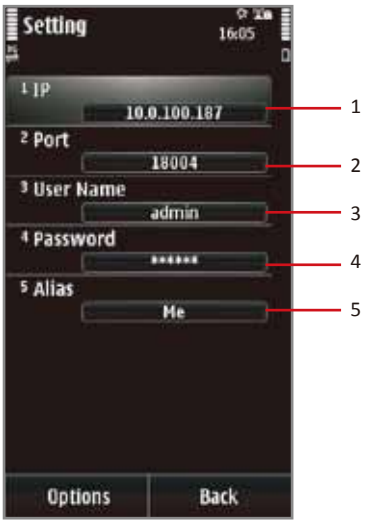
2b. Select and download the application.

Select the "**ASEE**" application. Click **Download**. Download complete.

Note:
Depending on your mobile phone settings, the phone may prompt you to select the type of network connection before proceeding.

3 Click **Launch** from the Ovi screen or click the icon from the application menu to open the utility software.

4 Click to open the Settings page and enter the required settings.



No.	Item	Description
1	**IP**	Enter the IP address assigned to the DVR. Consult your network administrator or ISP to obtain this information.
2	**Port**	Enter the server port number that you configured in the DVR menu. Refer to your DVR User Manual for details.
3	**User Name**	Enter the user name that you configured in the DVR menu. Refer to your DVR User Manual for details.
4	**Password**	Enter the password that you configured in the DVR menu. Refer to your DVR User Manual for details.
5	**Alias**	Enter the desired DVR name.

5 Click **Back** to view the main screen.

Using the Utility Software

No.	Item	Icon	Description
1	**Display Screen**	-	Displays the channel.
2	**Channel Buttons**		Click a channel button to view on the display screen. More channel buttons are available by clicking .
3	**Play/Pause Button**		Click to play or pause channel viewing.
	Full Screen Button		Click to view the channel in full screen. The screen orientation changes to landscape mode.
	Capture Button		Click to capture the screen shot. The screen shot is saved in the path **sdcard\ MeyePic**.
	Settings Button		Click to open the Settings page.
	Exit Button		Click to close the application.
4	**Toggle Button**		Click to view more channel buttons.
5	**PTZ Control Buttons**		Click to display or hide the PTZ control buttons.
			Click the arrow buttons to move the camera direction (for PTZ camera only).
			Click the icons to adjust the zoom (for PTZ camera only).
			Click the icons to adjust the aperture (for PTZ camera only).
			Click to adjust the camera focus (for PTZ camera only).

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Windows® Mobile Phones

Installing the Utility Software

Connect your mobile phone to the computer before proceeding.

1 Insert the CD-ROM to a CD drive. The CD will automatically run and display the KGuard Standalone DVR Solution screen automatically. Otherwise, double-click **Autorun.exe**.

2 Click **Mobile** > **3rd Party** > **Symbian**. Then, copy the ***.CAB** file from the CD to the internal memory of your mobile phone or the memory card.

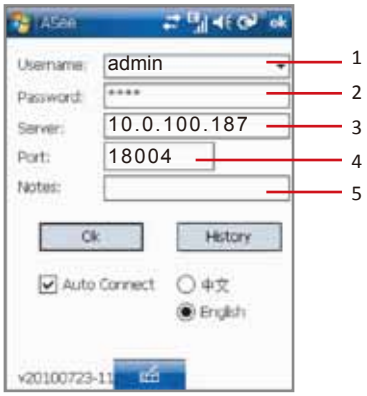
3 After copying the file, disconnect your mobile phone from the computer.

4 On your mobile phone, browse for the utility file and run it for installation. You may be prompted to specify the installation location.

When installation is complete, the utility software icon is displayed on the application screen.

5 Click the icon to open the utility software.

6 Enter the required settings.

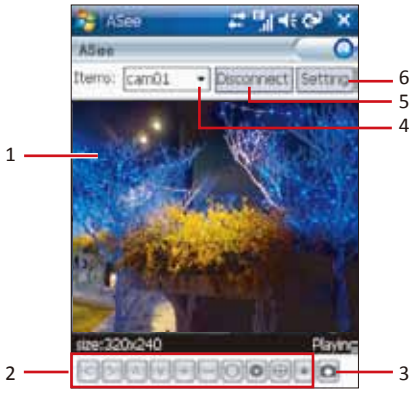


No.	Item	Description
1	**User Name**	Enter the user name that you configured in the DVR menu. Refer to your DVR User Manual for details.
2	**Password**	Enter the password that you configured in the DVR menu. Refer to your DVR User Manual for details.
3	**Server**	Enter the IP address assigned to the DVR. Consult your network administrator or ISP to obtain this information.
4	**Port**	Enter the server port number that you configured in the DVR menu. Refer to your DVR User Manual for details.
5	**Notes**	Enter a description if necessary.

7 Check **Auto Connect** to automatically connect to the DVR once the application is opened and select the screen language.

8 Click **OK** to confirm the connection information and then click **OK** again to view the main screen.

Using the Utility Software



No.	Item	Icon	Description
1	**Display Screen**	-	Displays the channel.
2	**PTZ Control Buttons**		Click the arrow buttons to move the camera direction (for PTZ camera only).
			Click the icons to adjust the zoom (for PTZ camera only).
			Click the icons to adjust the camera focus (for PTZ camera only).
			Click the icons to adjust the aperture (for PTZ camera only).
	Full Screen Button		Click to view the channel in full screen.
3	**Capture Button**		Click to capture the screen shot. The screen shot is saved in the path: **Program > Files > Moveeye**.
4	**Channel Selection**	-	Click the box and select the channel to view.
5	**Disconnect Button**	Disconnect	Click to disconnect from the DVR.
6	**Settings Button**	Setting	Click to open the Settings page.

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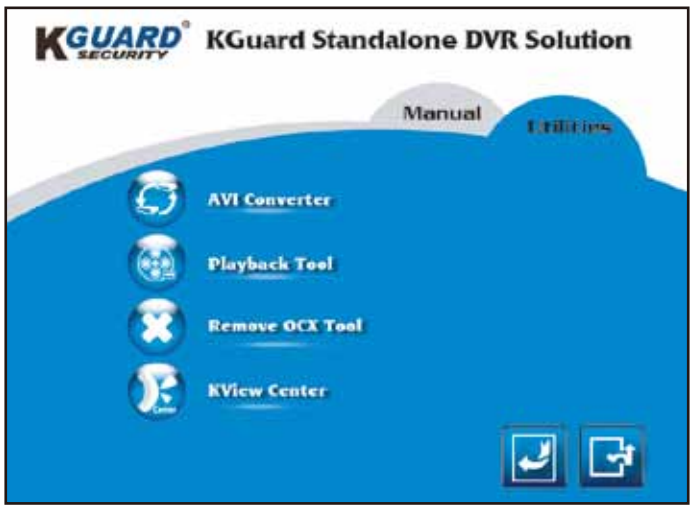
Multimedia Tools

The CD-ROM that came with your DVR contains free software. Install these software to your computer to convert recorded videos to AVI format and playback the files right on your desktop. Run the CD-ROM, the following screen appears.



AVI Converter

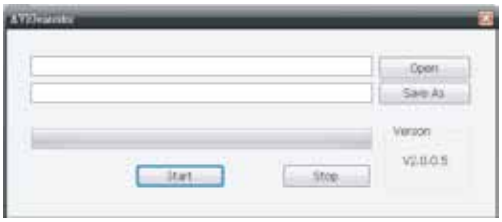
The AVI Converter allows you to easily convert DVR files (H.264 format) into AVI format which can be played back using standard video players.

Run the CD-ROM and install AVI Converter in your computer to start using the software.

How to Convert Files?

Note:
Before converting the files, make sure you have transferred the DVR files onto your computer.

1 Run the AVI converter tool. The screen below appears.

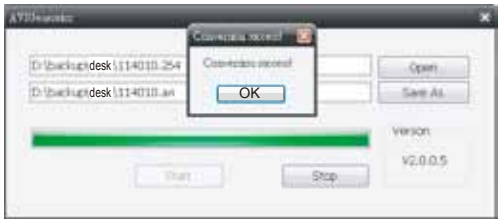


2 Click **Open**, and browse for the DVR file (H.264) you want to convert.

3 Click **Save As**, then type your desired filename.

4 Click **Start** to convert the DVR file to AVI format. The progress bar (on top of the Start button) indicates the conversion status.

4 When conversion is finished, the message below appears. Click **OK** to close the message.



Playback Tool

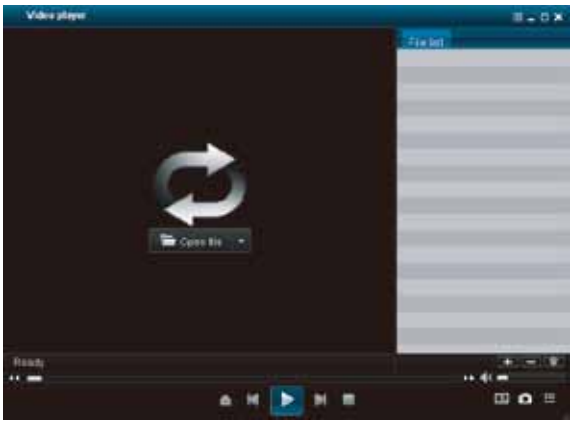
The Playback Tool allows you to play DVR files (H.264 format) in your computer.

Run the CD-ROM and install the Playback Tool in your computer.

How to Play DVR Files?

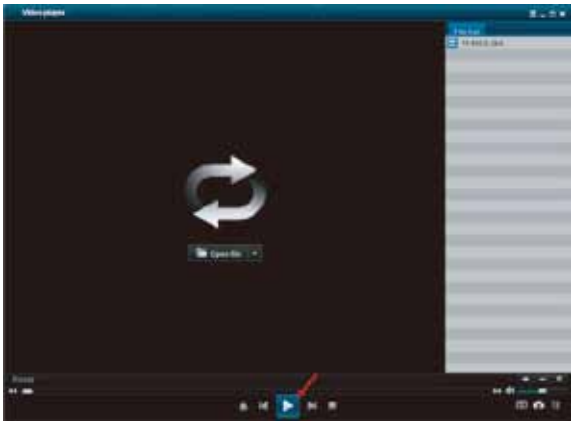
Note:
Before proceeding, make sure you have transferred the DVR files onto your computer.

1 Run the Playback tool. The screen below appears.



2 Click **Open file**, and browse for the DVR file (H.264) you want to playback.

3 Click to start playback.



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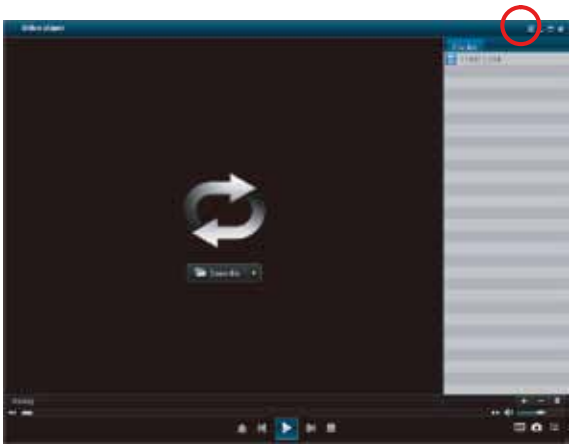
How to Ensure the Credibility of Recordings?

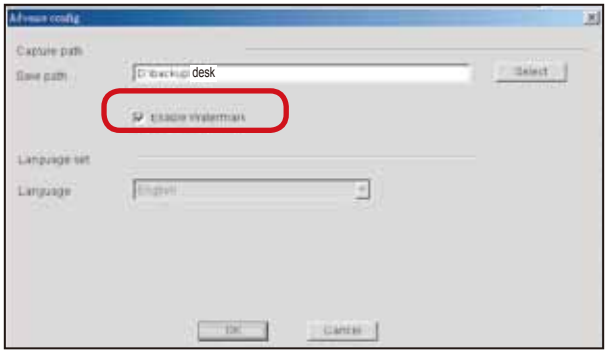
All videos are digitally watermarked to ensure the credibility of your recordings. The Playback Tool is an archive player with image authentication which allows you to access scenes on any computer without the need to install other player software.

How to Show Watermark in Videos?

1 Click the **Advanced Config** icon.



2 The Advance Config screen appears. Check the **Enable Watermark** box.



3 Click **OK** to close the Advanced Config screen.

4 Click to playback the video. The watermark is visible on the screen.

Note:
If a recorded video is edited, such as when a few frames are removed, the edited video can no longer be played back with this Playback Tool.

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Supported Devices List

HDD Support List

Below is a list of common HDD models that is supported by the DVR.

Brand	Model	Capacity	Buffer (M)	Origin
Seagate				
Pipeline HD	ST3250312CS	250GB	8M	China
	ST3320310CS	320GB	8M	China
	ST3500312CS	500GB	8M	China
	ST31000322CS	1TB	8M	China
	ST1000VM002	1TB	64M	China
	ST1500VM002	1.5TB	64M	China
	ST2000VM002	2TB	64M	China
Barracuda 7200.12	ST3250318AS	250GB	8M	China
	ST3500418AS	500GB	16M	China
	ST3500413AS/stat 6.0Gb/S	500GB	16M	China
	ST31000528AS	1TB	32M	China
	ST31000524AS/stat6.0Gb/s	1TB	32M	China
Barracuda 7200.11	ST3160813AS	160GB	8M	China
	ST3320613AS	320GB	16M	Thai
	ST3500320AS	500GB	32M	Thai
	ST3750330AS	750GB	32M	Thai
	ST31000340AS	1TB	32M	Thai
	ST31500341AS	1.5TB	32M	Thai
Barracuda 7200.10	ST3250310AS	250GB	8M	Thai
	ST3320620AS	320GB	16M	Thai
Barracuda LP	ST32000542AS	2TB	32M	China
	ST2000DL003/5900R/6.0G/S	2TB	64M	China
Barracuda DM	ST500DM002/7200R/6.0G/S	500G	16M	Thai
	ST1000DM003/7200R/6.0G/S	1TB	64M	China
Barracuda Green	ST500DL001/(HD503HI)	500G	16M	China
SV35.3	ST3250310SV	250GB	8M	China
	ST3500320SV	500GB	32M	China
	ST3750330SV	750GB	32M	China
	ST31000340SV	1TB	32M	China

Supported Devices List

Brand	Model	Capacity	Buffer (M)	Origin
Seagate				
SV35.4	ST3320410SV	320GB	16M	China
SV35.5	ST3250311SV	250GB	8M	China
	ST3500410SV	500GB	16M	China
	ST3500411SV	500GB	16M	China
	ST31000526SV	1TB	32M	China
SV35	ST2000VX002	2TB	64M	China
WD				
WD-AV	WD1600AVJS	160GB	8M	Thai
WD-AV	WD2500AVJS	250GB	8M	Thai
WD-AV	WD3200AVJS	320GB	8M	Thai
WD AV-GP	WD2500AVVS	250GB	8M	Thai
WD AV-GP	WD3200AVVS	320GB	8M	Thai
WD AV-GP	WD5000AVDS	500GB	32M	Thai
WD AV-GP	WD5000AVVS	500GB	8M	Thai
WD AV-GP	WD5000AUDX(6.0Gb/s)	500GB	32M	Malaysia
WD AV-GP	WD10EURX (6.0Gb/s)	1TB	64M	Malaysia
WD AV-GP	WD10EVVS	1TB	8M	Thai
WD AV-GP	WD10EVDS	1TB	32M	Thai
WD AV-GP	WD10EURS	1TB	64M	Thai
WD AV-GP	WD15EVDS	1.5TB	32M	Thai
WD AV-GP	WD20EVDS	2TB	32M	Thai
WD AV-GP	WD20EURS	2TB	64M	Thai
WD Caviar Blue	WD1600AAJS	160GB	8M	Thai
WD Caviar Blue	WD2500AAJB	250GB	8M	Thai
WD Caviar Blue	WD2500AAJS	250GB	8M	Thai
WD Caviar Blue	WD3200AAJB	320GB	8M	Thai
WD Caviar Blue	WD3200AAJS	320GB	8M	Thai
WD Caviar Blue	WD5000AAKX	500GB	32M	Thai
WD Caviar Green	WD5000AADS	500GB	32M	Thai
	WD10EADS	1TB	32M	Thai
WD RE4-GP	WD2002FYPS	2TB	64M	Thai
Hitachi				
Deskstar	HDP725025GLA380	250GB	8M	China
	HDP725025GLA380	250GB	8M	China
	HDT721032SLA360	320GB	16M	China
	HDT725032VLA380	320GB	8M	China
	HDS721050CLA362	500GB		
	HDS721010KLA330	1TB	32M	Thai
	HDS721050CLA662(6.0 Gb/s)	500GB	16M	Taiwan
CinemaSta	HCT721075SLA380	750GB	8M	Thai
CinemaSta	HCS5C1050CLA382	500GB	8M	Taiwan

Brand	Model	Capacity	Buffer (M)	Origin
Samsung				
	HD502HI	500GB	16M	China
	HD503HI	500GB	16M	China
	HD103SI	1TB	32M	China
	HD204UI	2TB	32M	China
	HD502HJ/L/7200R	500GB	16M	China

Note:

- The hard disk drive must at least have a minimum capacity of 250 GB.
- The supported list above may have been updated since the time that this documentation has been written. Check the website (www.kguardsecurity.com) for the latest information.

Mobile Phones Support List

Below is a list of common mobile phone manufacturers that is supported by the DVR.

Brand \ Operating System	Android	BlackBerry	iPhone	Symbian	Windows Mobile
Acer	√				√
Asus					√
BenQ					√
BlackBerry		√			
Dell	√				√
Garmin	√				
Gigabyte	√				√
Google	√				
HP					√
HTC	√				√
i-Mate					√
iPhone			√		
Kyocera	√				√
Lenovo					√
LG	√				√
Motorola	√				√
Nokia				√	
Palm					√
Pantech	√				√
Samsung	√			√	
Sharp	√				
Siemens					√
Sony Ericsson				√	√
Toshiba					√
Vodafone					√

Note:

- The supported list above may have been updated since the time that this documentation has been written. Check the website (www.kguardsecurity.com) for the latest information.
- To ensure optimum performance, download and use Asee on Android 1.6 or above.

USB Device Support List

Below is a list of common USB 2.0 device manufacturers that is supported by the DVR.

Brand	Capacity
Sandisk	4 GB
Kingston	4 GB / 8 GB
Kingston (DT Mini Slim)	4 GB
Transcend	4 GB
Kingmax	2 GB / 8 GB
UNIS	4 GB

Note:
The supported list above may have been updated since the time that this documentation was written. Check the website (www.kguardsecurity.com) for the latest information.

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Customer Support

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